

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	11	(15/345,346,377,404.ccls.) and (accoustic ((sound pressure) adj wave\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/15 11:34
S2	1	10/529250.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/15 11:41
S3	1	(15/345,346,377,404.ccls.) and (speaker)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/15 11:42
S4	2	(15/345,346,377,404.ccls.) and (speaker\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/15 11:42
S5	7	("3713987" "3733639" "4213223" "4239108").PN. OR ("4403369").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/15 11:43
S6	404	181/156.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/11 15:37
S7	8	("1741274").URPN.	USPAT	OR	OFF	2007/12/11 15:39
S8	268	(381/349-351.ccls.)	USPAT	OR	OFF	2007/12/11 15:42
S9	532	S6 S8	USPAT	OR	OFF	2007/12/11 15:42
S10	2	S9 and agitatt\$4	USPAT	OR	OFF	2007/12/11 15:42
S11	28	("1741274" "2810488" "3371742" "3547220" "3666041" "3923123" "3945461" "4122302" "4164988" "4567959" "4580654" "4592444" "4655315" "4756382" "4872527" "4924962" "5197103" "5343535" "5471019" "5525767" "5721401" "5824969").PN. OR ("6411721").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/11 15:47

S12	20	("2975852" "3443660" "3867996" "3909531" "3962544" "3982607" "4057689" "4213008" "4213515" "4325454").PN. OR ("4592444").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/11 15:51
S13	65	("1969704" "3688864").PN. OR ("4549631").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/11 15:57
S14	5	("2932054" "5400466").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/19 18:42
S15	21	("2558496" "2932054" "3750221" "3813726" "4207650" "4364147" "4677704" "5201877").PN. OR ("2932054" "5400466"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/19 18:47
S16	14	("20030101532" "20050091783" "2253309" "3089790" "4307484" "4756048" "5400466" "5761763" "5867857" "5983442" "6030465" "6533871").PN. OR ("7228591").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/19 19:00
S17	158	((vacuum\$4).ti.) and (speaker \$4 (sound near wave\$4))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/19 19:03
S18	26	((vacuum\$4).ti.) and (loudspeaker)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/21 09:45
S19	66	((vacuum\$4).ti.) and (loudspeaker)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/21 09:45
S20	49	S19 not (vacuum adj tube)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/21 09:45
S21	296	((vacuum\$4).ti.) and (speaker \$4 (sound near wave\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/21 09:46
S22	158	((vacuum\$4).ti.) and (speaker \$4 (sound near wave\$4))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/21 09:46
S23	138	S21 not S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/21 09:46
S24	120	S23 not (vacuum adj tube\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/21 09:47

S25	1463	(15/345,346,377,404.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/21 10:08
S26	150	(15/404.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/21 10:15
S27	136	("15".clas.) and speaker\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/21 10:16
S28	111	S27 not (S21 S22 S19)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/21 10:16
S29	0	("2005/0251952").URPN.	USPAT	OR	OFF	2008/03/21 10:19
S30	20	(15/345,346,377,404.ccls.) and ((sound pressure sonic subsonic ultrasonic) near3 wave\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/21 10:26
S31	20	("2818595" "3239863" "3416487" "4026701" "4042996" "4461651" "4594748" "4677704" "4727614" "5174829" "5224235" "5265298" "5279017").PN. OR ("5388304").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/21 11:46
S32	2869	("anti-phase")	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/21 11:49
S33	29	("anti-phase") same speaker	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/21 11:49
S34	5	("anti-phase") same (cleaner cleaning) same (wave waves)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/21 11:53
S35	8	((suction).ti.) and (loudspeaker)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/21 11:55
S36	126	((suction).ti.) and (speaker\$4 (sound near wave\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/21 11:55
S37	133	S35 S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/21 11:55
S38	355	(15/377.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/21 12:15

S39	296	((vacuum\$4).ti.) and (speaker\$4 (sound near wave\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/21 12:25
S40	150	(15/404.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/21 12:25
S41	350	S38 not (S37 S39 S40)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/21 12:25
S42	33	(15/377,346,345.ccls.) and (wave waves)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/21 13:22
S43	646	(15/345.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/21 13:49
S44	38	S43 and (oscillat\$4 oscillating oscillation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/21 13:49
S45	158	S43 and (oscillat\$4 oscillating oscillation alternat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/21 13:49
S46	90	S43 and (oscillat\$4 oscillating oscillation alternate alternating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/21 13:58
S47	372	(15/346.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/21 15:16
S48	8	((suction).ti.) and (loudspeaker)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/21 15:16
S49	126	((suction).ti.) and (speaker\$4 (sound near wave\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/21 15:16
S50	133	S48 S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/21 15:16
S51	355	(15/377.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/21 15:16

S52	296	((vacuum\$4).ti.) and (speaker \$4 (sound near wave\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/21 15:16
S53	150	(15/404.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/21 15:16
S54	362	S47 not (S50 S52 S53 S51)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/21 15:16
S55	38	S47 and (oscillat\$4 oscillating oscillation alternate alternating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/21 15:19
S56	1	(plate and head and agit\$4 and wave and port\$2 and pressure).clm.	US-PGPUB	OR	OFF	2008/03/27 11:45
S57	87	15/345,346,377,404.ccls.	US-PGPUB	OR	OFF	2008/03/27 11:47
S58	34	15/345.ccls.	US-PGPUB	OR	OFF	2008/03/27 11:48

3/27/08 12:31:04 PM

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